

61 06 61 / 45

Attorney Docket No.420SI/51198

**DECLARATION AND POWER OF ATTORNEY**  
**(For Use with Application Data Sheet)**

As the below named inventor(s), I/we declare that:

This declaration is directed to:

     The attached application, or  
  X   Application No. 10/159,276, filed on June 3, 2002  
               as amended on      (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable;

I/we hereby appoint the practitioners at CROWELL & MORING L.L.P., whose Customer Number is:



23911

PATENT TRADEMARK OFFICE

as my/our attorneys to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith; and

All statements made herein of my/our own knowledge are true; all statements made herein on information and belief are believed to be true, and further these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME(S) of INVENTOR(S)

Signature:

Inventor One:

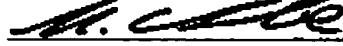
Citizen of:

Steffen Beier  
Steffen BEYER  
Germany

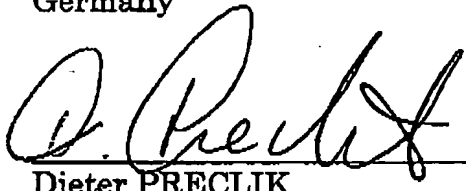
Date: 05.08.02

Declaration and Power of Attorney  
Page 2

Attorney Docket No. 420SI/51198

Signature:   
Inventor Two: Helmut KNABE  
Citizen of: Germany

Date: 19.08.02

Signature:   
Inventor Three: Dieter PRECLIK  
Citizen of: Germany

Date: 08.08.02

☐ Additional Inventors on Attached Sheet (if checked)



JANUARY 15, 2003

PTAS

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Under Secretary of Commerce For Intellectual Property and  
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RECORDATION DATE: 10/03/2002

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NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
BEYER, STEFFEN

DOC DATE: 08/05/2002

ASSIGNOR:  
KNABE, HELMUT

DOC DATE: 08/19/2002

ASSIGNOR:  
PRECLIK, DIETER

DOC DATE: 08/08/2002

ASSIGNEE:  
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SERIAL NUMBER: 10159276  
PATENT NUMBER:

FILING DATE: 06/03/2002  
ISSUE DATE:

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JEEVON JONES, EXAMINER  
ASSIGNMENT DIVISION  
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10-10-2002

Attorney Docket No. 420SI/51198

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- 1. Steffen BEYER
- 2. Helmut KNABE
- 3. Dieter PRECLIK

10.3.02

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: **Astrium GmbH**  
Address: **D-81663 Muenchen**  
**GERMANY**

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Execution Date: 1. August 5, 2002  
2. August 19, 2002 3. August 8, 2002

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)  
10/159,276

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

**CROWELL & MORING, L.L.P.**  
P.O. Box 14300  
Washington, D.C. 20044-4300

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$ 40.00  
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9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

  
Gary R. Edwards

Reg. No. 31,824

October 3, 2002  
Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS, AND DOCUMENT: 3

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Attorney Docket No.: 420SI/51198

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**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

**Astrium GmbH  
D-81663 Muenchen  
GERMANY**

(hereinafter ASSIGNEE) all right, title and interest in and to his invention relating to:

**COMBUSTION CHAMBERE WITH INTERNAL JACKET MADE OF A  
CERAMIC COMPOSITE MATERIAL ANDPROCESS FOR MANUFACTURING**

in any form or embodiment thereof, in the United States and all foreign countries, including applications for patents in all countries through the world and through the Patent Cooperation Treaty and/or the European Patent Convention, as set forth in his United States Patent Application (check one):

— executed concurrently herewith,  
— executed on \_\_\_\_\_,  
X Serial No. 10/159,276, filed June 3, 2002

and in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States

**ASSIGNMENT**

Attorney Docket No: 420SI/51198

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05.08.02

Date

  
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05.08.02

Date

  
Signature of 2nd Inventor**INVENTOR:**

Citizenship:

Post Office Address/

Residence

**Dieter PRECLI**

German

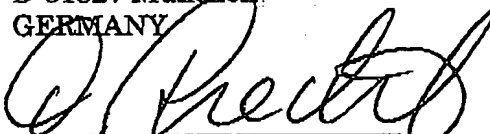
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08.08.02

Date

  
Signature of 3rd Inventor

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